

X27A SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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X27A Mode of Operation: ☐ White ☐ Mono

- ☐ 1. Valid Padlock Index and log, no padlocks open.

CHECKPOINTS 2-4 ARE LOCATED UPSTREAM OF X27B HUTCH

- ☐ 2. Bremsstrahlung Shield 1 (BS # 1) in place and banded. Located under EZ # 1, upstream of the X27B hutch.
- ☐ 3. Exclusion Zone (EZ # 1) located upstream of the X27B hutch
- ☐ 4. Scatter Barrier located upstream of the X27B hutch.

CHECKPOINT 5 and 6 LOCATED BETWEEN X27B AND X27A HUTCHES

- ☐ 5. Vacuum Bellows #3 wrapped in lead as per photo.
- ☐ 6. Lead Scatter Shielding on white-beam slits, beamline and monochromator as per photo.

CHECKPOINT 7 LOCATED INSIDE OF X27A HUTCH

- ☐ 7. Lead Beam Stop as per photo.

USER SYSTEM CHECKS

- ☐ A. Water flowing through Proteus, located on X27B hutch
- ☐ B. All Beamline Interlocks satisfied. Status panel located on upstream side of X27A hutch.
- ☐ C. Water flowing through Proteus, located on X27A hutch
- ☐ D. Water flowing through Proteus, located on X27A hutch

Checked by: _____ Date: _____

OPCO: _____ Date: _____